

Allen County HamNews

Fort Wayne Radio Club Fort Wayne DX Association

Allen County Amateur Radio Technical Society

June 2024
Volume 25
Issue 6

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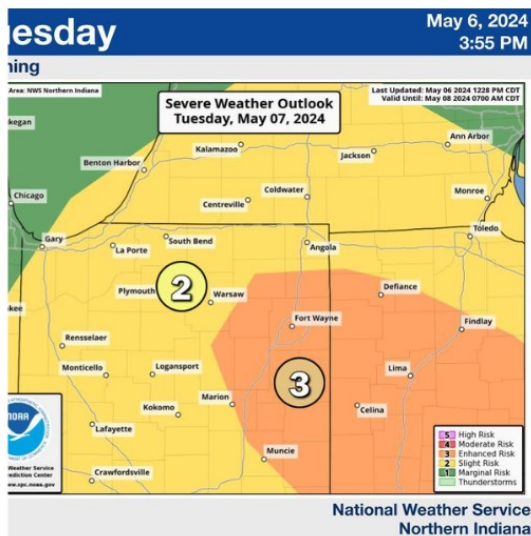
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Along with updated
radiosport
events, updated for
sale listings, ocal
repeater and net
information, and
much more!



So many stories

SUCH LITTLE
TIME AND SPACE

JUNE
2024
ALLEN
COUNTY
HAMNEWS



A few years ago I made a bucket list of places that I would like to visit. Alaska was at the top of the list. So, as soon as classes and Dayton were over, I planned a 5 night trip to the “Last Frontier” state. I also knew that I wanted to operate portable KL7 while I was there. Instead of dragging a radio pack with me across the continent, I decided on plan B (try to find a rental that included a ham shack) or plan C (try to operate from another ham’s shack). I checked online to see if any plan B options existed; it appeared that I was about 10 years too late for that option. After striking out with plan B, it was on to plan C. I was able to get in touch the president of the South Peninsula Amateur Radio Club in the Homer, AK area. After exchanging a few email messages, the plan was made to meet for coffee and then have a tour of his station (and possibly operate as time permitted).

I ended up meeting with Tom, NL7WK; Toby, KL2T; and Rick, K7VRK on a Thursday morning



Tom, NL7WK at his operating position

at a local coffee shop in Homer, AK. We visited for about an hour. After grabbing a quick sandwich, Tom gave me a tour of his station and antenna farm. As it turned out, a mother moose was hanging out by one of the antennas, so we did not disturb her.

Tom was very hospitable and permitted me to operate from his station for a few hours that afternoon. While conditions were not the best and I did not hear any DX stations besides Mexico, I made about 100 contacts with Canada and the lower 48 states (having a KW and a triband yagi certainly helped). Of particular interest to local Allen County hams, I made CW contacts with Al, K9FW and Terry, K9FMX.

Operating in Alaska was a thrill to say the least.

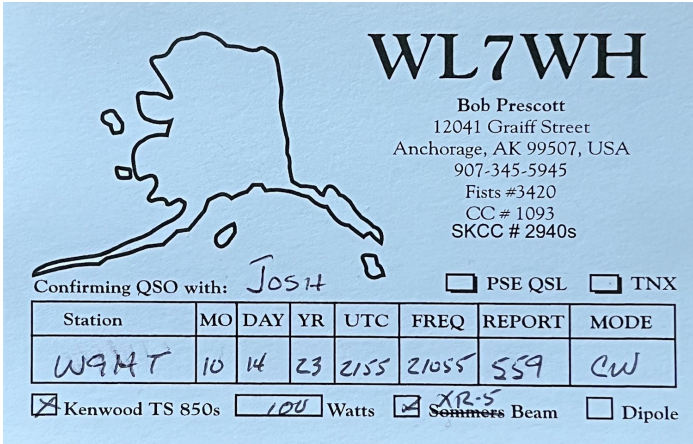


Having lunch with Bob, WL7WH. My glass of Pepsi was very flat after we were done visiting!

However, there is more. As part of SKCC, I occasionally make contacts with Alaskan stations. One station that shows up in my log is Bob, WL7WH.

Bob and I met up at an Applebee’s in Anchorage on the Saturday morning when I had to catch a red-eye flight back home later on. We ended up having lunch and talking about ham radio, Alaska, SKCC, and life in general for about 4 1/2 hours. During lunch, Bob also presented me with a qsl card for one of our previous contacts (I had to send him one back once I got back to Indiana).

Meeting up with Bob was certainly one of the highlights of the Alaskan excursion.



WL7WH
 Bob Prescott
 12041 Graiff Street
 Anchorage, AK 99507, USA
 907-345-5945
 Fists #3420
 CC # 1093
 SKCC # 2940s

Confirming QSO with: *J0514* ☐ PSE QSL ☐ TNX

Station	MO	DAY	YR	UTC	FREQ	REPORT	MODE
<i>W9HT</i>	<i>10</i>	<i>14</i>	<i>23</i>	<i>2155</i>	<i>21055</i>	<i>559</i>	<i>CW</i>

☒ Kenwood TS 850s ☐ 100 Watts ☒ *XR-5* Beam ☐ Dipole

The qsl card that I received from Bob during our lunch



Map showing the location of Homer, AK

Thanks to Tom, Toby, Rick, and Bob for helping to make my Alaskan trip so memorable. Their hospitality was unrivaled. I look forward to working them each on the air from back in 9-land!

Where should I travel next? Should that trip also include ham radio? While I am not sure about the answer to the first question, I think the definitive answer to the second question is a resounding yes.

73,

Josh W9HT/KL7



Your editor wrapping up a successful afternoon of operating as /KL7 in Homer, AK
 (see map above)

ALLEN COUNTY HAMNEWS

HamNews is a monthly, joint publication of the Fort Wayne Radio Club, the Allen County Amateur Radio Technical Society, and the Fort Wayne DX Association.

Articles are written by members and friends of the three clubs. New submissions for HamNews are always welcome. Please send your information to the editor within two days of the end of the month for inclusion in the next edition.

HamNews Editor
 Josh Long, W9HT
 drjoshlong (at) gmail.com

New, Weekly Skywarn Training Net

By Jay Farlow, Allen County Skywarn Net manager

Jim Stephens, K9BAT (formerly KD9NYZ) has accepted an appointment to serve as assistant manager of the Allen County Skywarn Net. One of Jim's first tasks in his new role is the creation of a weekly Skywarn training net. It is an idea Jim suggested shortly after accepting his new appointment.

The net will meet every Wednesday night at 8 p.m. on the ACARTS 146.88 MHz repeater. Jim plans an informal net for all weather enthusiasts. It could include:

- Discussions of thoughts and ideas related to the most recent severe weather event.
- Discussions of net procedures and communication best practices.
- Discussions of storm spotting best practices.
- Exercises during which members practice Skywarn net procedures.
- Informal weather-related discussions.

At the time of this writing, Jim planned to conduct the net's first session on May 29.

The net invites anyone who has an interest in weather to participate. For more information, contact Jim at k9bat0@gmail.com.

Directed net reminder



Here's something that's important for all users of the ACARTS 146.88 MHz repeater to remember: The Allen County Skywarn Net enters directed net mode whenever a tornado warning includes any part of Allen County or whenever the volume of incoming spotter reports warrants a directed net (e.g., during a derecho, which doesn't always result in a tornado warning).

According to the Allen County Skywarn Net Operations Manual (available [on the FWRC website for download as a PDF file](#)), in directed net mode, "No station except the NCS (including WX9IWX) transmits, *except to provide a spotter report* that complies with certain criteria (below) *or other emergency message*." This means that reporting, for example, hail, wind damage, a wall cloud, a funnel cloud or a tornado are appropriate during directed net mode. Discussions about arranging a contact on an HF frequency, however, are an example of communications that are inappropriate during directed net mode.

During directed net mode, sta-

tions should initiate contact with the net control station (NCS) with very short transmissions that identify the calling station phonetically and indicate the purpose of the call, for example:

"Whiskey alpha nine alpha alpha alpha, hail."

"Whiskey alpha nine alpha alpha alpha, wall cloud."

"Whiskey alpha nine alpha alpha alpha, wind damage."

"Whiskey alpha nine alpha alpha alpha, emergency."

During directed net mode, the NCS expects every initial transmission to be directed at the NCS, so including "net control" or the NCS' call sign in the call is unnecessary and not recommended.

May 7 activation

A tornado watch prompted the Allen County Skywarn net to activate standby mode at 4:56 p.m. May 7. Net control stations for this event included W9GGA, AC9XS and K9BAT.

In addition to reporting stations mentioned below, participating stations included AC9XU, K9SKS, KB8ELG, KB9JR, KC9EZP, KC9MUT, KC9PVE, KC9SJP, KC9TIS, KC9VAW, KC9ZLO, KD9ISV, KD9NYY, KD9OKT, KD9QHI, KD9VVJ, KD9ZDW, KE9IWX, N9ADS, N9WLW, N9WNH, NT9F, W2TAZ, W9HT, W9LW, W9QHY, W9SA and W9YME. NCS AC9XS found radar data descriptions from Federal Aviation Administration meteorologist KE9IWX to be particularly

helpful during standby mode.

At 6:02 p.m., KC9VAW reported a wall cloud at US 24 and the Wabash/Huntington County line.

At 7:05 p.m., KA9IPA reported golf ball-size hail [in Kendallville](#).

At 7:06 p.m., KD9HMR reported nickel-size hail in Kendallville.

At 7:09 p.m., storm rotation indicated on Doppler radar led the National Weather Service (NWS) to issue a tornado warning for southern Allen County.

At 7:34 p.m., KD9NYY reported rotation aloft at Hoffman and Snider Roads in southeastern Allen County.

At 7:37 p.m., the NWS issued a new tornado warning for east central Allen County and southwestern Paulding County, Ohio. Although NWS received no reports of tornado damage in Allen County, the same storm produced EF-1 tornado damage along a six-mile path in Paulding County, according to an NWS web page (see photo).

At 7:46 p.m., after all tornado warnings for Allen County had expired, the net returned to standby mode.

At 7:50 p.m., KC9VAW reported storm damage, including a damaged roof, and fallen trees and power lines near North Manchester.

At 8:07 p.m., KD9ZGB reported trees down at Lincoln Highway East and Morgan Road in southeastern Allen County.



Structural damage in Paulding County, Ohio, caused by a May 7 tornado. Paulding County EMA photo.

At 8:40 p.m., net operations discontinued because the threat of severe weather had departed Allen County.

May 26 activation

On May 26, NWS issued a severe thunderstorm watch at 1 p.m. that included Allen County. K9BAT activated the Allen County Skywarn Net in standby mode at 3 p.m. when a line of thunderstorms approached the county.

Participating stations included KB9JR, KD9QHI, KD9ZGB, KD9ZLP, N9RNV and W9GGA.

At 3:46 p.m. NWS issued a special weather statement regarding a strong, but sub-severe thunderstorm impacting northeastern Allen County. At 3:52, NWS issued a similar statement for southeastern Allen County.

Net operations ceased at 4 p.m. when no storms threatened Allen County.

Net Control Station changes

Allen County Skywarn net leadership has appointed Jerry Etner, KD9QHI to the NCS team. Anyone who is interested in joining the NCS team should contact net manager Jay Farlow, arsw9lw@gmail.com or assistant manager Jim Stephens, k9bat0@gmail.com. Candidates must have completed NWS Skywarn spotter training within the previous three years. Ideal candidates have experience as NCS on at least one other net.

In other NCS news, we are saddened to report that Rich DeTommaso, KD9ISV, has become a silent key after a lengthy illness. Rich served as a Skywarn NCS operator beginning in August 2020.



the talk group. Other repeaters in Indiana carry the talk group as dynamic. Stations on those repeaters will hear talk group traffic only if a station local to the repeater has transmitted on the talk group within the previous 15 minutes.

Rich, KD9ISV (SK) providing ARES communications during a Three Rivers Velosport bicycle event in July, 2023

Skywarn on DMR

We are occasionally asked about Skywarn activity on digital voice mode DMR. We know of no formal nets on that mode that serve any part of Indiana. A DMR talk group exists, however, on which stations informally share Indiana severe weather information with each other. It is talk group 31181 on the Brandmeister network, often labeled, "Indiana Weather Operations". Without a formal net, this talk group is *not a reliable way to send spotter re-*

ports to NWS offices, because there might not be anyone monitoring who has access to the NWS internet chatroom on the Slack platform.

The K9MMQ 443.1000 MHz DMR repeater located on a former TV tower on West State Boulevard in northwestern Fort Wayne and the N9MTF 442.6375 MHz DMR repeater located at Parkview Randallia Hospital in northeastern Fort Wayne both carry talk group 31183 as a static on time slot 1. Stations monitoring that talk group on either repeater will therefore automatically hear any traffic on

**SKYWARN
WEATHER.GOV**

**TUNE INTO 146.88
(146.94 ALTERNATE)
TO JOIN THE LOCAL
SKYWARN NET DURING
SEVERE WEATHER.**





LITTLE RED BARN NET

May Update

We had another great month on the Little Red Barn Net (LRBN) which meets on Monday

thru Friday at 9:00am on 3.820 MHz LSB. We have about 12 to 20 check-ins per day, with self-generated topics each day by the check-ins. On Thursday Jack W9GT picks a topic, and we kind of run with it, a lot of fun.

Also, we have a lunch every two weeks alternating from north Fort Wayne to south Fort Wayne. We usually have 10 to 15 participants at each lunch.

We had two lunches this month on 5/9/2024 at the Outback Steak House and on 5/23/2024 at Red Lobster. Always a great time to eat and socialize with friends.

The next upcoming lunch dates would be 6/6/2024, 6/20/2024, and 7/4/2024 at 11:30am on each date.

If you want to be on the LRBN email list, let me know at gmrepair1@aol.com, or message me at 260-437-4676 with your email and call sign or name.

Net control operators are also follows: Monday KU8T Tom, Tuesday K9FW Al, Wednesday KD9HAV Norm, Thursday W9GT Jack, and Friday WB9TYJ Don.

We have a web page at <https://gmrepair1.wixsite.com/mobile> works with mobile and desktop browsers. The page includes lunch information (times & dates), pictures of previous lunches, and other information.

Also we have at lrbn@groups.io | Home, but you will need to sign up. This is where we vote for the next lunch. Let me know if you need help .

Also, our net controls use Netlogger. You may download the program at the Download Center (netlogger.org). Also, for smartphones, there is Net Scraper. On, the Android go to Play Store, and on iPhone, go to App Store and download this app.

73,

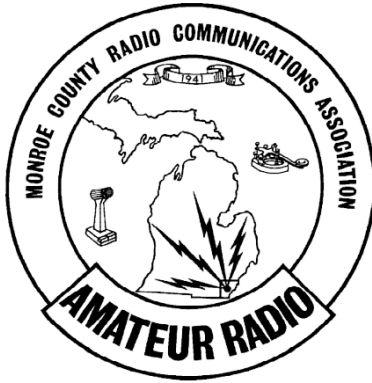
KU8T Tom

ANNOUNCEMENT

***In person VE
session
coming to
Fort Wayne
this
summer!***

Stay tuned to the upcoming editions of HamNews or contact the editor for more information.





MONROE HAMFEST

and Computer Show

Father's Day - June 16, 2024

7:30am to 1:00pm - Set-up 6:30am Presented by:
The Monroe County Radio Communications Association

Monroe County Fairgrounds

M-50 at Raisinville Rd. (2 Miles west of Monroe)

FREE PARKING

Indoor Facilities / Trunk Sales

Computers and Equipment

Distributors / Hot Food

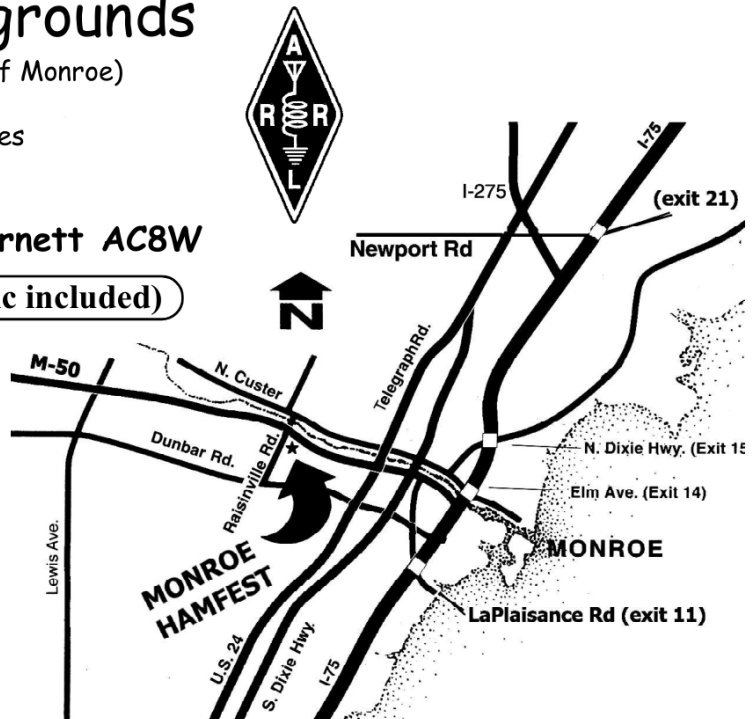
QSL Card checking by Stan Arnett AC8W

Over Night Camping \$40 (electric included)

Tables indoor 8': \$15 each, does not include admission ticket. Electric available in all buildings, bring cords.

Trunk 10' Spaces: \$10 each, does not include admission ticket.

Tickets Advance \$7 each.



Ticket, Trunk Sales, & Table Reservations online at: <http://www.mcrca.org>

Mail to: Fred VanDaele K8EBI, 4 Carl Drive, Monroe, MI 48162, ka8ebi@yahoo.com

Name _____ Call _____ e-mail _____

Address _____ City _____ State _____ Zip _____

Tickets _____ Trunk Spaces _____ Tables _____ Amount Enclosed _____

Advance Tickets \$7 ea. / 10 ft Trunk Spaces \$10 ea. / 8 ft Tables \$15 ea.

Hamsplatter

Fort Wayne Radio Club P.O. Box 15127, Fort Wayne, IN



Summer is in full swing. With summer comes the ARRL Field Day, which the club will be holding at the Old Fort downtown. If you have a chance, stop by. The club can always use help setting up, tearing down, or operating. We will also be having a cookout open to all around 5 PM on Saturday. If you don't have plans, stop out and enjoy the food and company.

To prepare for Field Day, the next club meeting on Friday, June 14th, will focus on making antennas. Ken, N8KR, will be showing members how to build a dipole. These antennas will be used to replace/repair some of our antennas which have worn out. If you would like to build your own antenna, show up and see how it is done.

This is a shorter column than usual, but we are settling down after a busy couple of months. If you have

any feedback, please email me at [kd9nrt\(at\)gmail.com](mailto:kd9nrt(at)gmail.com). Your feedback is essential in club operations, and let us know how we are doing.

See you all at Field Day.

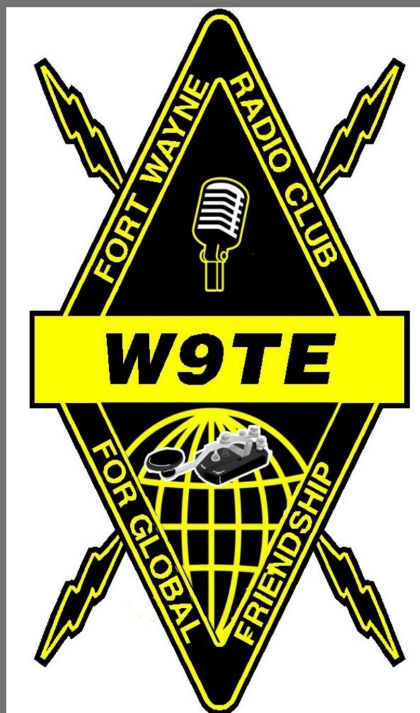
73,

Adam, KD9NRT

NEXT FWRC MEETING

**FRIDAY, JUNE 14TH
6:30PM
GOOD SHEPHERD
CHURCH**

EVERYONE WELCOME!



FWRC Officers 2024

President

Adam Warrix, KD9NRT
[kd9nrt\(at\)gmail.com](mailto:kd9nrt(at)gmail.com)

Vice President

Meghan Warrix, KD9ODP
[warrixmr\(at\)gmail.com](mailto:warrixmr(at)gmail.com)

Secretary

Al Burke, WB9SSE
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[aburke55\(at\)comcast.net](mailto:aburke55(at)comcast.net)

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[tjb Bowman\(at\)frontier.com](mailto:tjb Bowman(at)frontier.com)

Jim Stephens, KD9NYZ
[kd9nyz\(at\)gmail.com](mailto:kd9nyz(at)gmail.com)

Larry Temenoff, KB9OS
(260) 490-3089
[temenoff\(at\)pfw.edu](mailto:temenoff(at)pfw.edu)



INQP 2024: Fort Wayne Radio Club

Another great year for the Fort Wayne Radio Club! As of this writing, 22 club members have reported their scores. While I know that there were at least 29 stations operating from Allen County, not all of them were FWRC members. To offset that, though, are the club members who operated outside of Allen county and submitted scores for the club. While we may not have hit our goal of 30 club members participating, we had more than the last couple of years! No matter the size of the scores, everyone who spoke with me reported have a great time! This is exactly why I always push for HF activity: once you get on the air, you're making contacts and having fun. Sometimes we forget about how enjoyable our hobby is! Another great opportunity is on the horizon: **Field Day**. The 4th Saturday/Sunday of June our club will (hopefully) overtake the *Fort* and make lots of contacts!

Jim – AC9EZ operated QRP with his Yaesu FT-818nd and recently installed 500Hz cw filter into his 80m doublet. **Tom – KU8T** had his operating time interrupted by lawn mowing but operated for 5 hours! **Steve – W9SAN** found 15 and 20 productive while battling noise on 40 and 80. **Bob – KC9UR** likes portable operating and activated 3 different counties for us! **Jim – KE9IWX** who got his ham license less than a year ago made 97 contacts in his first ever contest. **Bob – K9BLI** worked Easter Island on 15 meters during the event! **Don – WB9TYJ** attracted a large audience while operating qrp from a park . . . during his explanation of what he was doing, he had an 11 year old contact a station in Nevada! **Terry – K9FMX** had initial concerns about his N1MM logger but in the end, it worked perfectly! **Bill – W9SA** also had high noise on 40 and 80; yet was very productive and had fun! **Steve – AC9XS** always finds time to get on to support the club operating from his apartment. **Terry – N9ZI** commented about his "old ears" but made over 200 contacts and, "it was fun." **Carla – KD9ITZ** had big plans to multiop with **Larry – KB9OS** at Pokagon BUT Larry got food poisoning so Carla operated by herself at home and found 20 Indiana counties! **Dan – KD8YNG** found 15 meters productive in finding the western states while cashing in on Indiana counties on 40 meters. **Mike – KB9OZI** added nicely to our score while **Jeff – KD9UJU** exercised his N3FJP logging software as did **Ed – WA9BBN**. **Dan – KD9YNG** frequents state QSO parties and contributed nicely to INQP. **Al – K9FW** was a dominate force as an "old guy" single op with nearly 500 qso's! **Jim – KR9U** operated multi single with **Dave – AA9H** as they have done in previous years producing the usual HUGE score! Finally, **Josh – W9HT** operated multi single at the shack of **Ken – N8KR** with Ken. Their use of an "octopus" that Ken built 35 years ago allowed only one signal on the air at a time while using 2 radios.

OUR SCORES

W9SA	10,508	N9ZI	25,000	KU8T	6,360
KC9UR	9,200	KB9OZI	2,993	K9BLI	5,202
WB9TYJ	1,935	KD9UJU	350	AC9XS	4,752
N9HZH	550	KD8YNG	2,088	KD9ITZ	1,380
W9SAN	1,904	KE9IWX	4,324	N8KR	4,794
K9FMX	10,000	WA9BBN	19,000	AC9EZ	51,260
K9FW	96,930	KR9U	305,371	W9HT	371,424
N9DGL	1,440				

TOTAL: 946,623

What a great time we all had! What an honor and privilege to be a part of this combined effort! Well done! Lets do it again next year and . . . shoot for a million points! 73 – Ken - N8KR

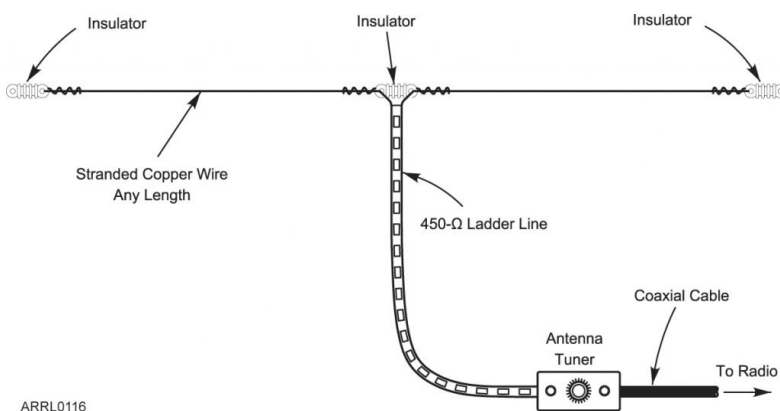
FWRC June Club Meeting Program/Project

Let's build dipoles for Field Day!

In discussing Field Day plans at our May program, the subject of antennas was discussed. In an effort to minimize station interference, band-specific antennas are preferred. Multiband antennas are more susceptible to interference from stations on other bands. The use of dipoles cut specifically for resonant operation on a band (no tuner required!) can help reduce interference. Further discussion also led the club to realize that our “stash” of dipoles leave much to be desired . . . they're old, bare solid copper wire with broken insulators and center conductors! The solution: BUILD NEW DIPOLES!

Recognizing the importance of current (choke) baluns in keeping noise off of the feedline, the club, through the generosity of N9KE, now has 5 new baluns: one for each band 10-80 meters. With donations of stranded insulated copper wire and end insulators from K9FMX and N8KR, we are ready to build dipoles at our club meeting! We'll team up and measure, cut, solder, and fine tune our antennas. We'll have a 25' mast in the parking lot for testing. Bring along your tape measures, soldering guns and antenna analyzers . . . a great opportunity to see other analyzers operate! ALSO, if you want to test/tune your dipole, or even build one for yourself, we'll have extra wire! Got an HF mobile? If we have time, we can even try them out!

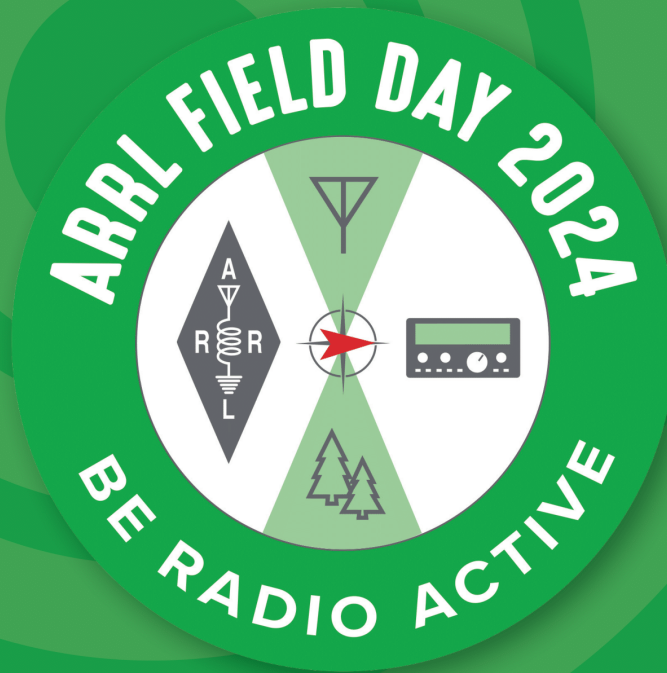
Come and join us . . . it should be fun!!!
Friday – June 14 at 6:30pm



JUNE
9
2024

SAVE
THE
DATE

NEXT
FOXHUNT



GET ON THE AIR!

Be a part of the most popular on-the-air operating event in amateur radio.

Join your local community and get in on the action!

PARTICIPATE IN YOUR LOCAL ARRL FIELD DAY JUNE 22-23, 2024

Join the Fort Wayne Radio Club at the Old Fort in downtown Fort Wayne at 1201 Spy Run Ave. for Field Day 2024! You do not have to be a club member or even a licensed ham. Everyone is welcome.

Setup will begin the morning of Saturday, June 22nd. We go on the air at 2pm. A BBQ and potluck dinner is at 5pm. Field Day will conclude on Sunday at 2pm with clean-up.

For parking information, see: <https://oldfortwayne.org/plan-a-visit/>

www.arrl.org/fieldday

What is ARRL Field Day? You're Invited!

Field Day is a radio communications event that brings together amateur radio operators (also called “hams”) within your community. The event is part picnic, campout, practice for emergencies, informal contest, and most of all, fun! ARRL Field Day is the most popular ham radio activity held annually in the US and Canada. On the fourth weekend in June each year, more than 35,000 radio amateurs get together with their clubs, groups, or friends to operate from remote locations.

It is a time when many aspects of amateur radio come together to highlight its many roles. While some will treat it as a contest, other groups use the opportunity to practice their emergency response capabilities. It is an excellent opportunity to demonstrate radio communications to the general public and organizations that amateur radio might serve in an emergency. For many radio clubs, ARRL Field Day is one of the highlights on their annual calendar.

The contest part involves contacting as many other stations as possible while learning to operate radio gear in abnormal situations and less than optimal conditions.

These same skills are utilized to help with large, preplanned, non-emergency events such as marathons and bike-a-thons; fundraisers such as walk-a-thons; celebrations such as parades, and exhibits at fairs, malls, and museums.

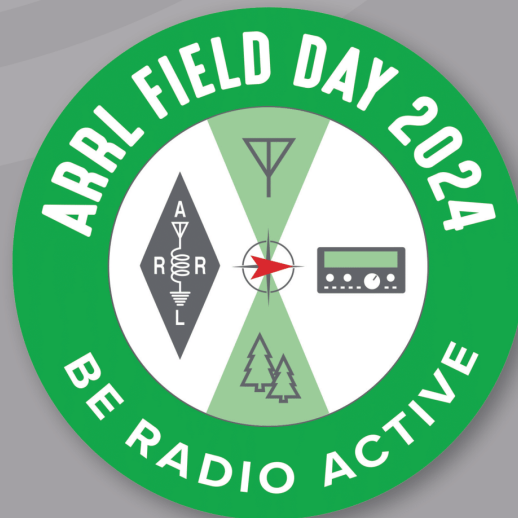
Despite the development of very complex, modern communications systems — or maybe because they *are* so complex — ham radio has been called into action, again and again, to provide communications in crises when it really matters. Hams are well-known for their communications support in real disaster and post-disaster situations.

What is ARRL?

With more than 150,000 members, ARRL is The National Association for Amateur Radio in the US. ARRL is the primary source of information and support for radio amateurs. ARRL provides books, news, information for individuals and clubs, special events, continuing education classes, and other benefits to its members.

What is Amateur Radio?

Often called “ham radio,” the Amateur Radio Service is a worldwide community of licensed operators using the airwaves with every conceivable means of communications technology. It is made up of people who enjoy learning and being able to transmit voice, data, and pictures through the airwaves to places near and far without depending on commercial systems. The amateur radio frequencies are the last remaining place in the usable radio spectrum where an individual can develop and experiment with wireless communications. Not only can hams build and modify their equipment, but they can also create new ways to communicate via the airwaves — and do it as a globally connected community. Many people in the hobby form lifelong friendships with people they wouldn't have otherwise met. Many rock stars, Hollywood actors, and heads of state (and even your neighbor down the street) are ham radio operators. You can be, too! Get started at Field Day!



ARRL The National Association for
Amateur Radio®
www.arrl.org/fieldday

State of the Arts

Allen County Amateur Radio Technical Society

P.O. Box 10342, Fort Wayne, IN



**From the
ACARTS
President**

ACARTS still has some on-going projects of our "Helping Hams Group" we had delays because of schedules and mostly because of the rains we have been experiencing. April showers brings May flowers, but April including May has been ridiculous! We will need help with Laurel's WA9RDL new HF antenna in the month of June and most likely still some work at Steve's K9SKS's.

Please keep a listen to the IMO Net at 6:30 PM nightly for announcements and updates when help is needed as well as emails to ACARTS members from the ACARTS HCO (Ham Club Online) <https://www.hamclubonline.com/> (if you are paid ACARTS member you already access but you might have never logged in yourself) and on the ACARTS IO Group acarts@groups.io Be sure to join the groups.io if you haven't already.

As with any nets, please support them by checking in, there are several within Allen County please check the net section here in the ACHN for more nets and information. One of if not the oldest continuous net in Allen County is the IMO (Indiana, Michigan and Ohio) 2 Meter Traffic Net held nightly on the ACARTS 146.880 (-) W9INX Repeater. Whether you have formal or informal traffic, net announcements or net

queries, silent key announcements etc. this is a good way to transmit or receive information every day. Sometimes it's just a way to catch someone on the air who is monitoring. I would like to recognize Steve K9SKS, Howard N9ADS, Steve Clower AC9XS, and John KD9NIV.

Another net to mention is a new net in Allen County, the SKYWARN Training Net every Wednesday at 8 PM local time on the ACARTS 146.88(-) W9INX Repeater. This Net is the idea of Allen County SKYWARN, a division of Allen County ARES. Anyone is welcome and encouraged to check-in and participate in a round table setting and you don't have to live in Allen County. Thanks to Jim Moehring KB9WWM, Jay Farlow W9LW, Jim Stephens K9BAT, Chad Beech W9GGA, Steve Clower AC9XS and Jerry Eitner KD9QHK and the rest of the team for coming up with the idea of the net and serving as NCS's.

Jim W9YME and I met with our new Red Cross Executive Director Jennifer Sexton and of course Disaster Program Manager Grace Hochstetler was there as well. Grace helped us get back into Red Cross as a meeting place and to renew a relationship with them. Years ago, during past construction at the NE Chapter we had to move out. Our idea was to not only have a nice meeting facility but to assist Red Cross whenever we could as a fellow non-profit organization. Talks are in the works for possible future

ACARTS Officers 2024

President

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Vice President

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W9INX Trustee

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We are slowly making equipment purchases and improvements as time allows. Our biggest hold back is sometimes delayed communication between ourselves and site owners. The W9INX Packet Node/Digipeater will be resurrected soon and at some point it eventually will have Winlink capabilities. The W9INX APRS Digipeater will also be moved soon to downtown Fort Wayne. More than likely the APRS move is the easiest so it will be accomplished hopefully in the month of June.

Again, I want to remind everyone to program all their radios ahead of time and share this information with everyone else to include transmitting a 141.3 Hz tone on the input for future preparedness for the 146.88(-), 147.255(+) and the 443.800(+) ACARTS W9INX Repeaters. The .88 is still carrier squelch on the input. As the new equipment is put into service (the 147.255 & 443.800 are currently off the air) the PL tone will be implemented. The 146.88 Repeater will remain mostly carrier squelch on the input but there maybe times that the PL tone on the input will be needed to be enable for interference purposes etc. We hope to include a DTMF PL knockdown code as well but that needs to be discussed further. The current 146.88(-) repeater currently transmits a 141.3 tone on the output. The 147.255(+) and the 443.800(+) will require a 141.3 Hz tone for analog access and will be transmitting a 141.3 Hz tone for user convenience to mask any user received radio interference as well as digital transmissions when you are utilizing analog.

I would ask that all available ACARTS members attend our June 18th meeting to help review and give input to our first proposed draft reading of the By-Laws, Constitution and Policies.

The next ACARTS General Meeting will be held on Tuesday June 18 at 7 PM at the Northeast Chapter of American Red Cross 1212 E. California Rd., Fort Wayne. The meeting will consist of the first draft reading of the new proposed By-Laws, Constitution and Policies.

We are also planning to have a small Hamfest every month. Just around five to ten items maximum at a time to see how it goes. This month will be offering some surplus equipment for sale owned by ACARTS, we will be offering some power supplies for sale. These are to small for our present needs. We will be purchasing a couple of larger power supplies in place of those. We will be offering (3) Astron 7A's, (1) Astron SL-11A and (1) Kenwood PS-53. We will be inviting all to bring items into future meetings. All are welcome to attend any ACARTS General Meeting.

73,

Dan, N9WNH

acarts.com

Upcoming ACARTS Events Schedule

Date	Time	Description	Location
6/4/24	7:00	MS Teams	ACARTS By-Laws Revision & 501
6/11/24	7:00	MS Teams	ACARTS Board Meeting
6/14/24	7:00 PM	Red Cross, 1212 E. California Rd & MS Teams (Online)	ACARTS General Meeting/Mini-Hamfest (power supplies for sale at meeting)
7/2/24	7:00	MS Teams	ACARTS Board Meeting



DAYTON 2024





*New
Date!*

The Northeastern Indiana Amateur Radio Association

AUBURN HAMFEST

Saturday, July 20, 2024

Auburn Cord Duesenberg Museum

1600 S. Wayne St. Auburn, IN 46706

OPEN 9 AM TO 2 PM • TALK-IN: 147.015 (141.3) 7:00 AM • LOAD-IN: 7 TO 9 AM

FREE

Admission

6,000 SQ. FT. INDOOR DISPLAY
SPACE (Not counting the huge
Museum Area!)



FREE

AUBURN CORD DUESENBERG
Museum

View an amazing collection of classic
motor vehicles.

FOOD VENDOR
on the parking lot.

NEED MORE INFO?

E-MAIL: W9OU@ARRL.NET

FREE

Parking

Supervised by the DeKalb County
ARES Team.



Indoor Vendor Tables: \$10 ea.

Order online now at www.w9ou.org

Outdoor Sales - One raffle ticket
purchase for each parking space.

Contact: W9OU@ARRL.NET

Raffle Prizes:

1st- Yeasu FTM 500

2nd- Zumspot with MD UV380 DMR

3rd- N3FJP Software (Full Access)

4th- \$50 Gift Certificate, DX Engineering

Ticket Prices \$5.00 - Buy 2, get 1 Free!



Space Weather Storms of Our Lifetimes

By Carl Luetzelschwab, K9LA

May 10, 11 and 12 of 2024 may go down as one of the greatest space weather storm periods of our lifetimes. I personally have never, ever seen the K index as high as it was for such a long time. Let's take a look at some fundamental data to see what happened. We'll use data from the Space Weather Prediction Center (SWPC – part of NOAA, the National Oceanic and Atmospheric Administration) at <https://www.swpc.noaa.gov/>. This data is Figure 1, showing GOES X-Ray Flux, GOES Proton Flux and Estimated Planetary K Index for May 10-12 (GOES is short for Geostationary Operational Environmental Satellite).

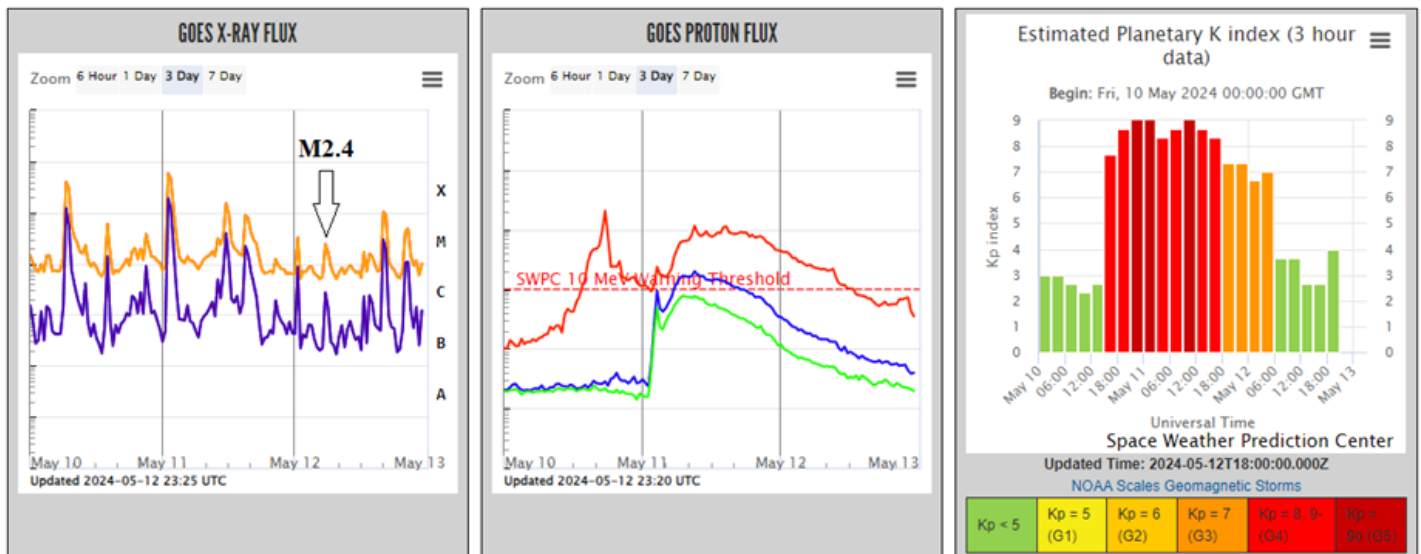


Figure 1 – SWPC X-Ray, Proton and K data

It all started with two big sunspots in early May that could be seen with the naked eye (using proper filtering, of course – like your eclipse glasses). One of these, AR3663, was in the northern solar hemisphere. The other one, AR3664, was in the southern solar hemisphere. AR stands for Active Region.

Both of these sunspot regions produced multiple M-Class and X-Class solar flares, which caused radio blackouts (one category of disturbances to propagation per NOAA) on the sunlit side of Earth. Typically, a radio blackout lasts for an hour or so, is most severe at the lower frequencies and is due to the x-ray radiation from the solar flare increasing D region absorption. On-the-air activity confirmed these events.

Not only can big solar flares cause radio blackouts, they can also cause *solar radiation storms* (a second category of disturbances to propagation). These are due to energetic protons increasing ionospheric absorption in the D region in the polar caps (the area inside the auroral ovals). This results in degraded propagation on over-the-pole paths. Figure 2 shows the SWPC D-RAP (D Region Absorption Predictions) data at 0554 UTC on May 12.

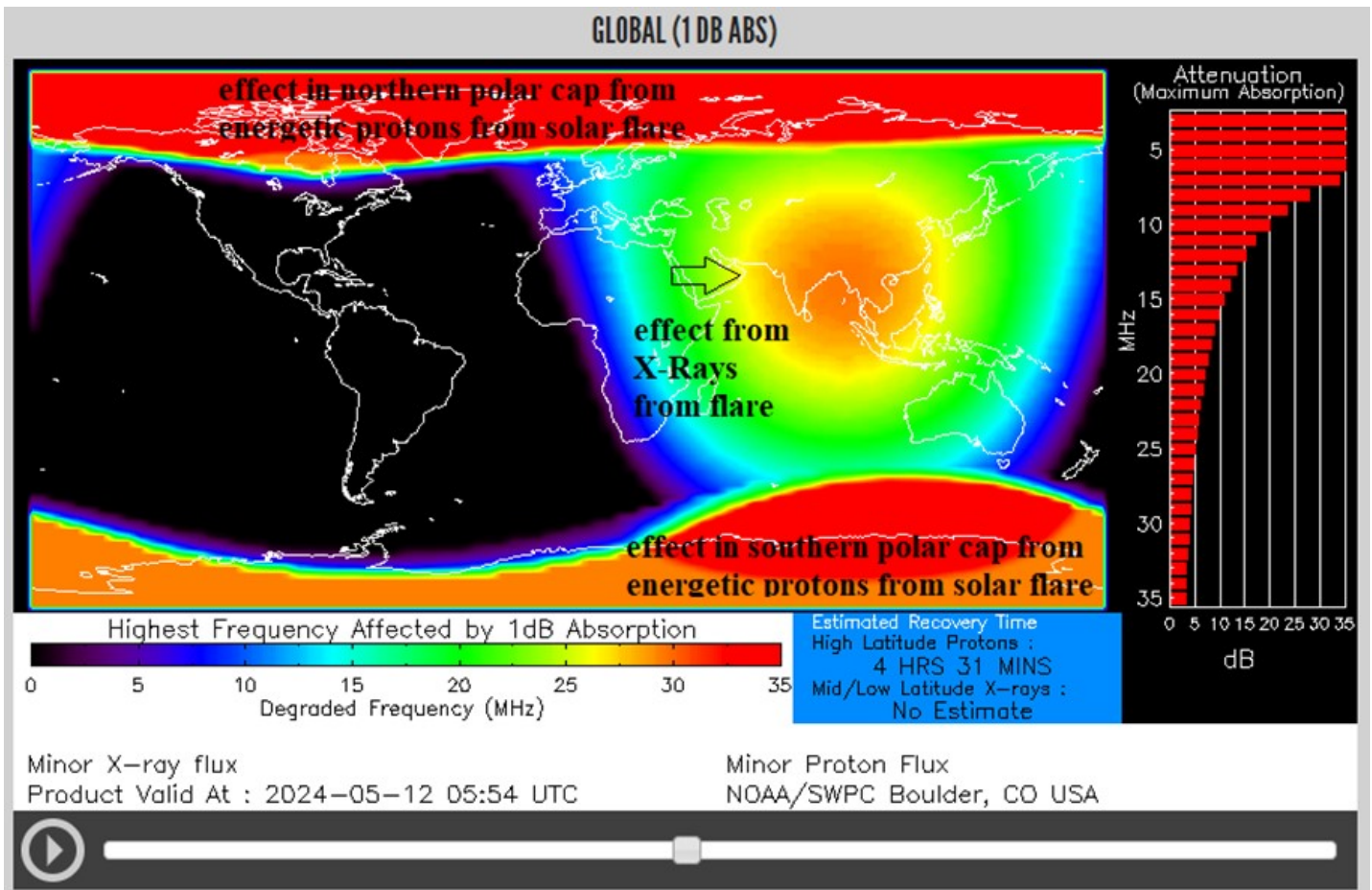


Figure 2 – SWPC D-RAP data

The orange/yellow/green/blue/violet circular area over India in Figure 2 indicates the amount of additional absorption due to the x-ray radiation from the M2.4-Class solar flare (which is noted in the left panel of Figure 1). As a side note, the magnitude Class of the solar flare is derived from the orange GOES-18 Long curve in Figure 1.

Also note the red and orange areas at the top and bottom of Figure 2. These are the northern and southern polar caps, and predict the additional absorption due to energetic protons from the M2.4-Class solar flare (along with previous solar flares since the flux of energetic protons can last quite a while as seen in the center panel of Figure 1).

Another side note – energetic protons funneling into the polar caps may not affect the polar caps the same. This is seen in Figure 2. That's because these protons come from outside the Earth's magnetosphere, whereas electrons that precipitate into the northern and southern auroral zones come from within the Earth's magnetosphere with the result that activity in the northern and southern auroral zones is quite similar.

But the bigger problem was the multiple CMEs (Coronal Mass Ejections) from AR3664 that were Earth-directed starting on May 8. These CMEs manifested themselves at Earth with a *geomagnetic storm* (a third category of disturbances to propagation) by significantly increasing the 3-hour K index. The right panel in Figure 1 shows the K index was around 8 to 9 from the 15-18z period on May 10 through the 15-18z period on May 11. The K index was around 7 from the 18-21z period on May 11 through the 03-06z period on May 12.

When the K index is this high for such a long time, the electron density in the F2 region of the ionosphere can be significantly depleted for days. The SWPC's STORM model predicts

how much the F2 region critical frequency is affected by geomagnetic storms using the last eleven K indices (a single K index is inadequate to define the effect on the ionosphere – what's important is how the geomagnetic storm develops).

During the May 11 and 12 period, the STORM model predicted that the F2 region critical frequencies would decrease to about half their normal values. That means the F2 region MUFs would decrease to about half their normal values. That is significant, and ionosonde data and on-the-air activity confirmed this (note that this magnitude of a geomagnetic storm, along with many solar flares, can wreak havoc with data taking by ionosondes – not to mention the on-going trend of not having ionosonde data publically available). The good news is the F2 region started recovering on May. But remember we're still around solar max – which means we can still have more disturbances to propagation. For more info on STORM, visit <https://www.swpc.noaa.gov/products/storm-time-empirical-ionospheric-correction>.

In summary, early May was a very interesting period. We saw all three categories of disturbances to propagation – radio blackouts (x-ray radiation from solar flares), solar radiation storms (energetic protons from solar flares) and geomagnetic storms (elevated K indices). For more on these three categories, visit <https://www.swpc.noaa.gov/noaa-scales-explanation>.



The photos above show the Northern Lights as seen in New Haven to the north and east on the evening of May 10, 2024. Both photos were taken by the editor.



Return of Ham Radio to PFW - Part 2

Hello my fellow radio bugs! Welcome to Field Day month (better known as June). I'm sure many of you are already finalizing plans for your upcoming entries in Field Day. Some of you may be getting ready to participate in the upcoming ARRL VHF contest. Whatever the event, June is a busy month, with plenty of opportunities for good weather and outdoor projects.

This month's column is a quick recap of an earlier project I had announced in a previous edition of the HamNews - the re-entry of an amateur radio station on the campus of Purdue University Fort Wayne (formerly IPFW).

As mentioned previously, one of my current projects is to reinstall an amateur radio station in the engineering building on the campus of PFW. The progress on this project continues, albeit at a rather sedate pace. Thanks to the generosity of several amateur radio companies and individuals (thanks to DX Engineering and several local radio amateurs!), the station is now the proud owner of a brand new Icom IC-9700. A 2 meter antenna, 2 meter amplifier, a power supply, and a few other pieces of equipment which are also being donated. Additional pieces of equipment will be purchased and obtained as the summer progresses, but the overall status of the station has significantly improved.

At this time, my mentor and I are working through the process to obtain specific permission to mount antennas on the roof of the engineering building. Once that permission has been received, we will be able to begin the physical assemblage of the station, with a room already volunteered to host the station (the wireless communications laboratory). This room is particularly advantageous for hosting an amateur radio station, as the wireless room is situated on the third floor of the building. The room's close proximity to the roof indicates that we will be able to use shorter runs of coax cable to the antennas mounted on the roof, as compared to other potential sites of the station.

Two towers would be the desired configuration of the station, with one tower dedicated to vhf/uhf/shf antennas and the other tower dedicated to hf antennas. However, due to funding constraints, a single tower will suffice for the first incarnation of the station. An hf vertical elevated above the roofline of the engineering building should prove an adequate hf substitute until a proper tower can be installed for the donated Tennadyne log-periodic dipole array (lpda) antenna.

The initial operational target goals are for space and weak-signal communication research on the vhf+ frequencies. These operational goals include such aspects as: satellite communication, earth-moon-earth (EME), measuring propagation openings and effects on the vhf frequencies (tropospheric ducting anyone?), telemetry reception (perhaps a weather balloon?) and a variety of other aspects.

The current timeline for the project is that the entire station will be operational by August, 2024. All time estimates of completion are, of course, subject to however long it takes to obtain the requisite permissions from the proper authorities. However, I am confident that the station should be on the air before the next semester begins. Stay tuned to this column for more details on the return of amateur radio to PFW!

73 de Jim ac9ez

Local



News

May 2024

Operating activities during the month follow.

For the Weekend Sprintathon (WES) on May 11-12, the following local operators participated. The QSO count is shown.

N8KR 95 AC9XS 20

N9DGL 29 W9SA 16

WA9BBN 25 KA9ERV 7

WB9TYJ 21 W9HT 6

W9GOO 20

For the Two Hour Straight Key Sprint (SKS) on Tuesday evening, May 21, 8-10 PM local, the following local operators participated. QSO count is shown.

NE9EE 52

AC9XS 22

WA9BBN 16

K9FMX 12

W9GOO 10

KA9GKE 7

KS9KCC 2

I hope to catch you on the air during June!

73.

Ed, WA9BBN



JUNE 2024 OPERATING EVENTS

ARRL INTERNATIONAL DIGITAL CONTEST

June 1-2

SKCC WEEKEND SPRINTATHON

June 8-9

ARRL JUNE VHF CONTEST

June 8-10

ALL ASIAN DX CONTEST, CW

June 15-16

ARRL FIELD DAY

June 22-23

SKCC SPRINT

June 26

This information comes from the WA7BNM Contest Calendar at contestcalendar.com and is gratefully acknowledged. It is deemed accurate as of the time of publication.

FORT WAYNE RADIO CLUB MEETING MINUTES

10 May 2024

The May meeting of the Ft. Wayne Radio Club was held on May 10th, 2024. It occurred at the Good Shepherd United Methodist Church starting at 6:30 pm. It was hosted by club President Adam Warrix, KD9NRT and there were 20 attendees.

Adam led everyone in the Pledge of Allegiance and invited all present to introduce themselves with their name and call-sign.

Al Burke, WB9SSE provided Bob Streeter, W8ST's Treasures report dated 10 May, 2024 as follow:

Checking: \$1,288.19

Savings: \$502.54

Vanguard: \$27,717.97

Year-to-Date income: \$756.37

Year -to-date expenses: \$1,398.22

Members: 130

Adam announced that he was 95% sure that we would be able to use the Old Fort for our Field Day venue but that we also had the site on the PFW north campus as a backup. We will likely be operating 6A on 40, 20 and 6 meters in cw, ssb and digital modes, and we will have a GOTA station. Steve Nardin, W9SAN plans to bring his motor home down and locate it in the parking lot across Spy Run Ave and operate the 6 meter station there.

We will start setting up about 9:00 am Saturday morning, June 22th, planning to be finished by 1:45 pm. We will have a station / safety meeting, and then start operating at 2:00 pm amassing a plethora of contacts thru the end of Field Day operations at 2:00 pm on the 23rd .



The FWRC Spring/Field Day Banquet will occur at the Old Fort and will start on Saturday at 5:30 pm. It will feature hot dogs, hamburgers and pulled pork sandwiches supplied by the club and prepared by our master chef Charles Ward, KC9MUT. Attendees are encouraged to bring a carry-in dish or desert to flesh out the menu. (Deviled Eggs and/or meatballs and lemon meringue pie are always a good suggestion). The FWRC will also supply cutlery and soft drinks. Everybody is encouraged to attend the banquet whether you plan to operate at Field Day or not. There is no charge for the meal.

Ken Rogner, N8KR noted that some of the club dipoles used at last year's Field Day seemed to be in rough shape and suggested that we build a new set from scratch for this year's event. Terry Bowman, K9FMX volunteered to head up such an effort. Josh Long, W9HT proposed that the club purchase parts to fabricate a proper set of center insulators, six in total. It was put to a formal vote and passed unanimously. The antennas will be fabricated during the June club meeting.

Ken also noted that the 22 club members participated in the Indiana QSO party and the club will submit just shy of one million points claimed. Looks like the FWRC might take the grand prize again this year.

Josh Long stated that the club will organize and conduct at least one testing session sometime after the fourth of July.

Steve Nardin announced that Mike Stein, WB9NOO has donated an Icom 2730 vhf/uhf rack mounted transceiver to the club. Thank you Mike.

The meeting adjourned at 7:15 PM and following that another mini-Hamfest occurred.

Respectfully submitted,

Al Burke, WB9SSE

Secretary, FWRC

ACARTS May 21, 2024 General Meeting
American Red Cross
1212 E. California Rd., Fort Wayne, IN



Attendance:

President: Dan Dahms (N9WNH)
Online: Vice President: Chris McCullough (W9TSB)
Secretary: Stuart Hall (KD9LFW)
Online: Treasurer: Kevin Hecksher (W9KMH)
Station Manager: James (Jim) Sampiere (KD9NPL)
Fundraising Manager/Hamfest Manager: Fred Gengnagel (KC9EZP)
Board Director: Howard Pletcher (N9ADS)
Board Director: Steve Shannon (K9SKS)
Board Director: James (Jim) Bassett (W9YME)
ACARTS Member/ARRL Central Division Director/FWDXA President: Carl Luetzelschwab K9LA
Members: 10 (8 in person, 2 online via MS Teams)

Tuesday, May 21, 2024 7:05pm – 9:00pm Meeting also streamed online via MS Teams

Treasurer Kevin Hecksher (W9KMH) provided a report on current activity and balances for the club's financial accounts. (Exact numbers are available to all members upon request to the Treasurer and on Ham Club Online.)

Video recording of the meeting was started at this time.

President Dan Dahms (N9WNH) opened the meeting, having everyone introduce themselves.

Secretary Stuart Hall (KD9LFW) reviewed the minutes from the General Meeting of April 16, 2024. Motion: To accept minutes as read. Made by Jim Sampiere (KD9NPL), seconded by Steve Shannon (K9SKS). Passed by unanimous voice vote.

Constitution and By-Laws Revision Committee:

Stuart Hall (KD9LFW) noted the Constitution and By-Laws Committee has continued to meet. A rough draft has been posted on Ham Club Online. A formal draft will be presented to the club at a future General Meeting (maybe next month). Stuart noted some significant changes include: Moving to 501c3 organization, moving officer terms to two-year terms, Board Members to 3-year terms, adding Community Manager (for building/retaining membership, service), adding IT manager

Carl Luetzelschwab (K9LA) noted with approval the addition of an IT Manager. He also noted the he is working with the ARRL to institute a code of conduct for Officers (i.e. for the breach of confidentiality).

The next Revision Committee meeting is set for June 4 at 7pm online via MS Teams.

Treasurer Kevin Hecksher (W9KMH)

Kevin noted the need to get the Technical Committee together to setup and test the VPN tunnels. It would be best to meet online. Meeting set for Tuesday, May 28 at 6:15pm via MS Teams. Kevin Hecksher, Jim Sampiere (KD9NPL), Chris McCullough (N9TSB), and Dan Dahms (N9WNH) will attend. Kevin noted that all the necessary equipment to setup internet access to the repeater is purchased except the T-Mobile Hot Spot. .

Station Manager Jim Sampiere (KD9NPL)

Jim noted he is still waiting for quotes on some equipment. The club did install the recently purchased Telewave TPRD-1556 VHF Duplexer on the 146.880MHz repeater. At the WANE-TV site, it was mentioned that NexStar may not be aware that the club had multiple repeaters on site. The previous owner of the station approved the repeater antenna because it serves as the Allen Co. SKYWARN Repeater. Jim notes it is a sensitive situation and it is uncertain what the station's response will be to the club wanting to replace or add additional antennas.

Board Director Jim Bassett (W9YME)

Jim notes he did get some quotes printing shirts with the club's logos. He will continue to get quotes from other suppliers to compare prices.

President Dan Dahms (N9WNH)

Dan talked about possible programs for the remaining General Meetings of the year. He is thinking of having a program on the history of the IMO net at the November election meeting. Dan asked Steve Shannon (K9SKS) and Howard Pletcher (N9ADS) to come up with such a program. Steve K9SKS mentioned Jack W9GT currently has cancer and is being cared for by his daughter.

Carl Luetzelschwab (K9LA) notes having some books at home that he offers to donate for a raffle by the club.

Fundraising/Hamfest Manager Fred Gengnagel (KC9EZP)

Fred notes working on developing a flyer for the 2024 Hamfest. Someone is needed to take over Table Manager for the Hamfest by shadowing the current Table Manager, Howard Pletcher (N9ADS). Dan Dahms (N9WNH) brought up inserting the job description for the Table Manager in the monthly newsletter. Steve Shannon (K9SKS) notes that he has been shadowing Howard in that role for the past few years. Dan notes the need for a named assistant for every manager in the Hamfest Committee.

Vice President: Chris McCullough (W9TSB)

Chris is tallying all the logs for the FM Simplex Contest. All logs need to be submitted by the end of May. At the June General meeting the winners will be announced.

Chris noted the logo tracing is more work than expected. If Jim Bassett (W9YME) is able to get information on how the vendors are digitizing the images, that would help.

DanDahms (N9WNH) asked Chris if he needs help setting up the club Facebook account. Chris noted to Kevin Hecksher (W9KMH) that he needs an e-mail address to setup the account. Kevin noted that the officer e-mail addresses will be used and passed that list on to Chris. Jim Bassett (W9YME) noted he is willing to help in setting up the account.

Dan Dahms (N9WNH) noted this weekend that WCARC will have a special event station setup at the Fort Wayne Vietnam Veteran's Memorial running from Friday at 6pm through to Saturday at 6pm, coincident with the Fire Watch being held there.

ARRL Membership New & Renewal Club Commission Program:

Dan Dahms N9WNH also noted that anyone renewing their ARRL membership throughout any year through ACARTS provides the club additional funding being an ARRL Affiliated Club in the Affiliated Club Commission Program. Tonight we gained from a renewing member of \$5 and a new member of \$20. I believe we have another member that was absent that was wanting to join the ARRL as a new member which give us another \$20. Each new ARRL standard membership earns ACARTS a \$20 commission (family, student/youth and blind memberships are not eligible) New members are defined as never been a member or a returning members that has not been a member for two years. Each renewal earns ACARTS a \$5 commission. There is no limit to the amount ACARTS can earn in this program.

Red Cross Partnership:

Dan Dahms N9WNH noted that he and Jim Bassett W9YME met with Jennifer Sexton, the new Executive Director of the NE Chapter Red Cross, this afternoon. They talked about the current ACARTS meetings taking place. Installing an amateur radio station at this building was discussed. The Red Cross no longer has radio equipment or a license though it does still have an existing radio tower standing next to the building. It was discussed setting up a radio station for the Red Cross and also a station for ACARTS. Dan provided the MRU to Jennifer. It was noted that the Red Cross Board has two licensed radio amateurs including Josh Long (W9HT).

Presentation: Carl Leutzelschwab (K9LA) – Director of the Central Division of the ARRL

Carl noted the section managers of Wisconsin and Illinois were re-elected unopposed. The section manager for Indiana was contested with Robert Burns (AK9R) winning for another two-year term. Carl noted the ARRL headquarters was hit with a ransomware attack last week. It may take a week for restoration once the data is repaired. This affected LoTW and print publications. No personal credit card information was affected because it was stored in a separate system.

Carl talked about the Fort Wayne DX Association. The club started in 1975 and has been ARRL-affiliated since 1976. Carl has been President since 1994. Currently there are 35 members. The club meets about every 3 months for dinner and socializing. The club has a groups.io and also a website.

<https://www.qsl.net/fwdxa/>

<https://groups.io/g/fwdxa>

Closing Notes:

Dan Dahms (N9WNH) noted that the antenna tower has been removed at Laurel Short (WA9RDL) home. Dan will put out a notice for help in installing a new vertical HF antenna to replace the tower.

Steve Shannon (K9SKS) notes he has purchased a 9:1 unun to set up an end-fed antenna. A discussion ensued about the plans to set up Steve's tower and install a couple of HF antennas at his home. No date was set.

Motion to adjourn at 9:00pm made by Fred Gengnagel (KC9EZP) seconded by Steve Shannon (K9SKS). Passed by a voice vote.

Next meeting(s):

Constitution & By-Laws Revision Committee meeting, Tuesday, June 4, 7pm, online via Microsoft Teams
Board Meeting: Tuesday, June 11, 7pm, online via Microsoft Teams.

General Meeting: Tuesday, June 18, 7pm, American Red Cross 1212 E. California Rd., Fort Wayne, IN.
Also online via Microsoft Teams. Recordings of meeting video will be posted on Ham Club Online, ACARTS YouTube channel, and the ACARTS Facebook page.



This section of the Allen County HamNews is available for local hams to list any ham radio related gear for sale or to place any ham radio related want ads.

Listings are posted for one month, but can be renewed upon request of the editor.

Please see page two for contact information.

N9QR Ham gear for sale: UPDATED 5/1/2024. All equipment is in good shape and working unless otherwise noted. It all needs a new home. Located about 3 miles south of the airport off Bluffton Road.

Reasonable offers will be considered. I can be contacted at: mikes2125 at outlook.com or N9QR at arrl.net. Phone: 2606026193

Hustler 5BTV vertical antenna. Brand New in the box with brand new Gi-gaParts optional coax connection assembly. Never installed. Box opened to verify contents. 1 set of 14 radials for 7 bands plus additional wire for additional radials if desired. \$400

3 APC brand UPS units: 2 620 VA UPS units, one in original box with battery (uninstalled) and one without box or battery; 1 550es unit with battery (uninstalled). All 3 look good and work fine. \$65 for all three.

12V DC linear power Supply (Vista III-R) with power cable. \$15

KD9SV RBOG Beverage Antenna preamp. Source Follower Preamp. NEW \$25

Comet SBB224 dual band (2/440) mag mount antenna. Nice shape. \$30

Ringo Ranger antenna, not sure if 2 meter or 220. Good shape. \$15

Pictures are available via email or text.

Several antique broadcast radios from the 30s and 40s. Consoles and table radios. Most are unrestored. Fire sale prices. Many are FREE, others are \$25 and up. Most are complete, restorable with tubes and knobs. Available for a visit most anytime just need to call or email first.

Email me for the list and prices.

The following items are in excess to the needs of ACARTS. These **items will be available for inspection and purchase at the June 18th ACARTS General Meeting** at 7 PM NE Chapter Red Cross 1212 E. California Rd., Fort Wayne, IN. All proceeds go to support ACARTS equipment improvements.

(3) Used Astron RS-7A Linear Power Supplies: Adjustable 11-15 Volts DC, 7A Intermittent, 5A Continuous Tested with analyzer and software, printed report. 90-\$140 new. \$30-\$60 used. Our price used \$? each. All three work fine.

(1)Used Astron SL-11A Linear Regulated Power Supply: Adjustable 11-15 Volts DC, 11A Intermittent, 7A Continuous. Tested with analyzer and software, printed report. \$105-\$170 new. Used \$40-\$90. Our price used \$? Works fine.

(1)Used Kenwood PS-53 Power Supply 13.8 Volts DC, 22.5A (25%) 20.5 A (Continuous for 1 hour)16A(50%) Tested with analyzer and software, printed report. May need repair in future! Used \$120-\$175 Our price used \$?



Area Nets (updated as of 6/1/24)					
Daily			Tuesday		
8:00 AM	3.535	Daily (QIN) Indiana Section CW net	7:30 PM	147.150+	21 Repeater Group Net (97.4 PL)
8:30 AM	3.912	Daily Indiana Traffic Net	8:00 PM	50.580 USB	FWRC 6-Meter SSB Net
6:00 PM	3.910	Daily Indiana Traffic Net	9:00 PM	146.940-	Allen Co. ARES Training Net (141.3 PL)
6:30 PM	146.880-	IMO (alternate is 146.940)	Wednesday		
7:00 PM	147.015+	Tri State Two Meter Net	--	—	—
8:00 PM	3.535	Daily (QIN) Indiana Section CW net	8:00 PM	145.270-	Whitley Co. ARES (141.3 PL)
Week-days			8:00 PM	50.580 FM	FWRC 6-Meter FM Net
9:00 AM	3.820	Little Red Barn Net	—	—	—
Sunday			Thursday		
8:00 PM	444.550+	Whitley Co. ARC Sunday Night Net (141.3 PL)	8:00 PM	D-STAR	Indiana D-STAR net (Note 3)
8:30 PM	146.910-	"No-Name" Net also on EchoLink Node number 519521	8:00 PM	50.580	AM 6-Meter AM Net
9:00 PM	145.53 simplex	Northeast Indiana Packet Net 1200 baud (Note 2)	8:30 PM	145.510 simplex	Allen County ARES Digital Operations Team Training Net (Note 4)
Monday			Saturday		
8:00 PM	224.780-	Fort Wayne 224 Net	8:00 PM	146.685-	Huntington ARES(141.3 PL)
<p>1. All times local time. Any changes or corrections should be submitted to the newsletter editor at drjoshlong (at) gmail.com.</p> <p>2. NEIPN is direct accessible via any BPQ Chat Node (or through Node hopping etc.) via other packet frequencies in this area and other areas through other nodes (it is locally direct accessible on 145.53 in NC & NE Indiana/NW Ohio and SE Michigan using KA9LCF-11, KC9VYU-11, N9LCF-11, N9PXO-11, K9BIF-11) Most BPQ Nodes use an SSID of -11.</p> <p>3. Reflector REF024B.</p> <p>4. Net starts using BPSK-31 and switches to BPSK-250 after roll call to pass traffic etc. NBEMS suite of software (FLDIGI, FLMSG, and FLAMP) is preferred.</p> <p>5. Indiana HF Traffic Nets Web Site: http://www.inarri.org/index.php/public-service/indiana-nts</p>					

Area Repeaters (updated as of 6/1/24)							
Frequency	Offset	Tone/Notes	Callsign	Frequency	Offset	Tone/Notes	Callsign
				442.6375	+5 MHz	MDR CC1	N9MTF
145.330	-0.6 MHz	141.3	W9FEZ	442.99375	+5 MHz	D-Star W9TE-B	W9TE
146.880	-0.6 MHz	--	W9INX	443.100	+5 MHz	DMR CC1	K9MMQ
147.255	+0.6 MHz	--	W9INX	443.275	+5 MHz	P25 NAC # 293	K9MMQ
146.760	-0.6 MHz	141.3	W9TE	444.250	+5 MHz	141.3	W9AVW
146.910	-0.6 MHz	--	W9TE	444.800	+5 MHz	--	W9FEZ
146.940	-0.6 MHz	141.3	W9TE	444.8750	+5 MHz	141.3	W9TE
224.780	-1.6 MHz	--	W9FEZ				

FWRC Membership Application

Name: _____ Call Sign: _____
 License Class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ Phone #: (_____) _____
 * Email address: _____
 * (@arrl.net domain is unreliable. Please use an alternate email address if you have one).
 ARRL Member? _____ (ARRL membership helps the club maintain ARRL affiliation)
 May we list your name, call & email address in our membership roster & on our club web site? Yes or No

Fort Wayne Radio Club dues:

Regular membership	\$25.00 / year
Family membership ¹	\$35.00 / year
Student membership ²	\$5.00 / year
Associate membership ³	\$20.00 / year

(Memberships for July-December are ½ the stated amounts)

Please attach a check to this form (paying by check is strongly encouraged) made out to:
 Fort Wayne Radio Club (check number _____) and bring to a club meeting or mail to:
 Fort Wayne Radio Club
 P.O. Box 15127
 Fort Wayne, IN 46885-5127

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.

ACARTS Membership Application

Name: _____ Call Sign: _____
 License Class: _____
 Street address: _____ City: _____
 State: _____ ZIP: _____ Phone #: (_____) _____
 Email address: _____ ARRL Member? _____
 (ARRL membership helps the club maintain ARRL affiliation)
 May we list your name, call & email address in our membership roster & on our club web site? Yes or No

ACARTS dues:

Regular membership	\$12.00 / year
Additional family members ¹	\$6.00 / year
Student membership ²	\$6.00 / year
Associate membership ³	\$6.00 / year

(New regular memberships are \$1.00/month)

Please attach a check to this form (paying by check is strongly encouraged) made out to:
 Allen County Amateur Radio Technical Society (check number _____) and bring to a club meeting or mail to:
 A.C.A.R.T.S.
 P.O. Box 10342
 Fort Wayne, IN

- 1: Please list all names and calls on an attached sheet.
- 2: K-12 or full time student.
- 3: Unlicensed member.